

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled OBJECT-BASED CODING AND DECODING APPARATUSES AND METHODS FOR IMAGE SIGNALS, the specification of which

- ☐ is attached hereto.  
☒ was filed on November 19, 1998 as Application Serial No. 09/195,897  
and was amended on \_\_\_\_\_.  
☐ was described and claimed in PCT International Application No. \_\_\_\_\_  
filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. SERIAL NO.	FILING DATE	STATUS
<u>08/578,142</u>	<u>December 26, 1995</u>	<input checked="" type="checkbox"/> Pending <input type="checkbox"/> Issued <input type="checkbox"/> Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Eric L. Prah, Reg. No. 32,590; Frank R. Occhiuti, Reg. No. 35,306

Address all telephone calls to Eric L. Prah at telephone number 617/542-5070.

Address all correspondence to Eric L. Prah, Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Sung Moon Chun

Inventor's Signature: Sung Moon Chun Date: January 15, 1999

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COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

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## ASSIGNMENT

For valuable consideration, we, Sung Moon Chun, of Seoul, Korea; Jin Hak Lee of Daejun-shi, Korea; Joo Hee Moon of Seoul, Korea; Gwang Hoon Park of Inchon-shi, Korea; Jae Kyoong Kim of Seoul, Korea; and Jae Won Chung of Seoul, Korea hereby assign to Hyundai Electronics Industries, Co. Ltd., a Korea corporation having a place of business at San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do, 467-860 Korea, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled OBJECT-BASED CODING AND DECODING APPARATUSES METHODS FOR IMAGE SIGNALS, filed November 19, 1998, and assigned U.S. Serial Number 09/195,897, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Sung Moon Chun L.S.  
Sung Moon Chun

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Jinhak Lee L.S.  
Jin Hak Lee

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Joo Hee Moon L.S.  
Joo Hee Moon

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
G. H. PARK L.S.  
Gwang Hoon Park

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Jaekyoon Kim L.S.  
Jae Kyoon Kim

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Jae Won Chung L.S.  
Jae Won Chung

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/195,897	11/19/98	2713	\$838.00	06730/017001	14	16	4

ERIC L PRAHL  
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Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

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REPUBLIC OF KOREA; JAE-WON CHUNG, SEOUL,  
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CONTINUING DATA AS CLAIMED BY APPLICANT-

THIS APPLN IS A CIP OF 08/578,142 12/26/95

TITLE

OBJECT-BASED CODING AND DECODING APPARATUSES AND METHODS FOR IMAGE SIGNALS

PRELIMINARY CLASS: 348

RECEIVED

DEC 21 1998

& RICHARDSON P.C.  
BOSTON, MA

NO DOCKETING REQUIRED

Reviewed By Practice Systems

Initials LXA On \_\_\_\_\_